

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Reclamation District No. 2060 Hastings

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Left	6.97
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/21/2017 - 4/21/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2060_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2060 has the O&M Manual on file.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2060_01_f_2014_7				
Comment Code					
Inspector Comment					
RD 2060 has emergency supplies on hand.					

No Photos

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2060_01_s_2012_12				
Comment Code					
Inspector Comment					
RD 2060 has trained staff for a flood fight.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	5
LM End	5.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.247342 °	38.263293 °
				-121.696283 °	-121.771557 °
DWR ID	DWR_RD2060_01_f_2016_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The landside levee slope will be sprayed later this spring.					

Photo 1 of 1 : SP_2017_RD2060_241_5_20170424_00008.jpg



RD 2060 Landside slope looking downstream from levee mile 0.00.

LM Start	1.45	Rating **	M	Issue No.	11
LM End	1.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252013 °	38.252013 °
				-121.720945 °	-121.720945 °
DWR ID	DWR_RD2060_01_s_2017_11				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	1.46	Rating **	M	Issue No.	13
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252038 °	38.252070 °
				-121.721212 °	-121.721440 °
DWR ID	DWR_RD2060_01_s_2017_13				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	14
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.252130 °	38.252130 °
				-121.721637 °	-121.721637 °
DWR ID	DWR_RD2060_01_s_2017_14				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	1.92	Rating **	M	Issue No.	15
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257472 °	38.274358 °
				-121.724655 °	-121.795130 °
DWR ID	DWR_RD2060_01_s_2017_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	3.65	Rating **	M	Issue No.	20
LM End	3.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.261314 °	38.261314 °
				-121.749191 °	-121.749191 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41908 DS_ID:22050 EP_NO: 10119 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner and verify status of crossing. FIELD_STRUCT_DESC: 8-5/8-inch gas pipeline crosses Lindsey Slough to R.D. 536. Gasline marker on LS and sign board on WS. (Permit no. 10119) FS Date: 8/15/2013					

Photo 1 of 2 : UCIP_SP_2017_41908_30541.jpg



WS view: gasoline sign board on levee slope.

LM Start	3.65	Rating **	M	Issue No.	20 (cont)
LM End	3.65	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_41908_30540.jpg



LS view: gasoline indicator across the road from levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	3.76	Rating **	M	Issue No.	21
LM End	3.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.261211 °	38.261211 °
				-121.751117 °	-121.751117 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41878					
DS_ID:22045					
EP_NO: 12784					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status and install signs if appropriate.					
FIELD_STRUCT_DESC: 8.625-inch diameter natural gas pipeline across the channel and both levees of Lindsey Slough. 4 feet below the crown. Gasline marker found off LS (Permit No. 12784).					
FS Date: 8/15/2013					

Photo 1 of 3 : UCIP_SP_2017_41878_30549.jpg



LS view: a gas plant and gasline indicator found on LS.

LM Start	3.76	Rating **	M	Issue No.	21 (cont)
LM End	3.76	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41878_30548.jpg



LS view: closer view of gasline indicator found on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	3.76	Rating **	M	Issue No.	21 (cont)
LM End	3.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.261211 °	38.261211 °
				-121.751117 °	-121.751117 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41878 DS_ID:22045 EP_NO: 12784 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and install signs if appropriate. FIELD_STRUCT_DESC: 8.625-inch diameter natural gas pipeline across the channel and both levees of Lindsey Slough. 4 feet below the crown. Gasline marker found off LS (Permit No. 12784). FS Date: 8/15/2013					

Photo 3 of 3 : UCIP_SP_2017_41878_30547.jpg



WS view: no indicators found on WS.

LM Start	4.46	Rating **	M	Issue No.	22
LM End	4.46	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.260414 °	38.260414 °
				-121.762943 °	-121.762943 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41988 DS_ID:22051 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on both levee slopes. FIELD_STRUCT_DESC: 24-inch abandoned pipe through the levee 17.0 feet below the crown. Closed slide gate (inoperable) on waterward end. Hasting Farms. (Not on encroachment list.) FS Date: 8/15/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	5.08	Rating **	M	Issue No.	6
LM End	5.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.263157 °	38.263157 °
				-121.771543 °	-121.771543 °
DWR ID	DWR_RD2060_01_s _ 2012_6				
Comment Code					
Inspector Comment					
Repair or replace the cross gate.					

No Photos

LM Start	5.18	Rating **	M	Issue No.	17
LM End	6.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.261995 °	38.274210 °
				-121.772003 °	-121.795318 °
DWR ID	DWR_RD2060_01_s _ 2017_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.21	Rating **	M	Issue No.	18
LM End	6.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.261717 °	38.274012 °
				-121.772152 °	-121.795407 °
DWR ID	DWR_RD2060_01_s _ 2017_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.97	04/21/2017 04/21/2017	Herman Phillips

LM Start	5.67	Rating **	M	Issue No.	19
LM End	5.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		38.263257 °	38.263257 °	
			-121.779758 °	-121.779758 °	
DWR ID	DWR_RD2060_01_s_2017_19				
Comment Code					
Inspector Comment					
Repair or replace the cross gate.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 02 Ulatis Creek			Right	3.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/21/2017 - 4/21/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	12
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.289474 °	38.289474 °
				-121.775914 °	-121.775914 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:46769
DS_ID:22059
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: - Abandoned pump structure in stream needs proper abandonment- Not accessible due to wired fence
FIELD_STRUCT_DESC: *ABANDONED* pump structure in stream and a concrete distribution on landside. Not accessible due to wired fence.
FS Date: 8/15/2013

LM Start	0.00	Rating **	M	Issue No.	12 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_46769_31088.jpg



WS view: abandoned pump support in stream/channel. Not accessible due to vegetation.

Photo 2 of 2 : UCIP_SP_2017_46769_31087.jpg



LS view: abandoned concrete distribution box. Not accessible due to wire fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.01	Rating **	A	Issue No.	8
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.275085 °	38.280063 °
				-121.794940 °	-121.795928 °
DWR ID	DWR_RD2060_02_s_2017_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This section of levee the vegetation is acceptable.					

Photo 1 of 1 : SP_2017_RD2060_242_8_20170424_00010.jpg



Looking downstream from levee mile 0.01.

LM Start	0.01	Rating **	A	Issue No.	7
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.275085 °	38.280287 °
				-121.794940 °	-121.795935 °
DWR ID	DWR_RD2060_02_s_2017_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation is acceptable.					

No Photos

LM Start	0.12	Rating **	M	Issue No.	2
LM End	1.78	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.276351 °	38.285819 °
				-121.795922 °	-121.776942 °
DWR ID	DWR_RD2060_02_s_2017_2				
Comment Code					
FE : Fence					
Inspector Comment					
This fence has no permit. (Electric fence.)					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.39	Rating **	M	Issue No.	10
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.280282 °	38.296680 °	
			-121.795937 °	-121.748755 °	
DWR ID	DWR_RD2060_02_s _ 2017_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.40	Rating **	M	Issue No.	11
LM End	3.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.280515 °	38.296667 °	
			-121.795947 °	-121.748717 °	
DWR ID	DWR_RD2060_02_s _ 2017_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	1.74	Rating **	M	Issue No.	13
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.285219 °	38.285219 °
				-121.777085 °	-121.777085 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:18386					
DS_ID:22056					
EP_NO: 10148					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: U-type concrete headwall on LS. Not accessible due to fence.Vegetation is partially blocking inlet & outlet pipe.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through levee, 16.0 feet below crown, flap gate on waterward end. U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe.					
FS Date: 8/15/2013					

LM Start	1.74	Rating **	M	Issue No.	13 (cont)
LM End	1.74	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_18386_30873.jpg



WS view: overview of CMP from levee.

Photo 2 of 3 : UCIP_SP_2017_18386_30872.jpg



WS view: CM pipe with flap gate. Not accessible. Vegetation is partially blocking outlet pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	1.74	Rating **	M	Issue No.	13 (cont)
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.285219 °	38.285219 °
				-121.777085 °	-121.777085 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:18386					
DS_ID:22056					
EP_NO: 10148					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: U-type concrete headwall on LS. Not accessible due to fence.Vegetation is partially blocking inlet & outlet pipe.					
FIELD_STRUCT_DESC: 24-inch CM drainpipe through levee, 16.0 feet below crown, flap gate on waterward end. U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe.					
FS Date: 8/15/2013					

Photo 3 of 3 : UCIP_SP_2017_18386_30874.jpg



LS view: CM pipe with U shaped concrete headwall. Not accessible. Vegetation is partially blocking inlet pipe.

LM Start	2.15	Rating **	M	Issue No.	14
LM End	2.15	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.290440 °	38.290440 °
				-121.774808 °	-121.774808 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41668					
DS_ID:22060					
EP_NO: 5927					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: verify pipe has been abandoned properly. -					
abandoned pump and pipe.- electrical box on WS shoulder.					
FIELD_STRUCT_DESC: *Abandoned* 18-inch steel pipe through levee					
4.0 feet below crown, siphon breaker on landward slope. Pump on piling					
on bank, distribution box at landward toe. (Permit No. 5927 - Cache					
Slough Pheasant Club).					
FS Date: 8/15/2013					

Photo 1 of 3 : UCIP_SP_2017_41668_31161.jpg



WS view: electrical box on pole and pump structure in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.64	04/21/2017 04/21/2017	Herman Phillips

LM Start	2.15	Rating **	M	Issue No.	14 (cont)	
LM End	2.15	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.290440 °		38.290440 °
				-121.774808 °		-121.774808 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41668						
DS_ID:22060						
EP_NO: 5927						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: verify pipe has been abandoned properly. - abandoned pump and pipe.- electrical box on WS shoulder.						
FIELD_STRUCT_DESC: *Abandoned* 18-inch steel pipe through levee 4.0 feet below crown, siphon breaker on landward slope. Pump on piling on bank, distribution box at landward toe. (Permit No. 5927 - Cache Slough Pheasant Club).						
FS Date: 8/15/2013						

Photo 2 of 3 : UCIP_SP_2017_41668_31160.jpg



WS view: pump on pile structure with stairs on bank.

LM Start	2.15	Rating **	M	Issue No.	14 (cont)
LM End	2.15	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41668_31163.jpg



LS view: obstructed siphon breaker in steel riser on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2060 Hastings

Waterway			Bank	Unit Miles
Unit No. 03 Cache Slough			Right	5.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/21/2017 - 4/21/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	14
LM End	4.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.296617 °	38.247960 °
				-121.748565 °	-121.696175 °
DWR ID	DWR_RD2060_03_s_2017_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the waterside slope.					

Photo 1 of 1 : SP_2017_RD2060_243_14_20170424_00022.jpg



Looking downstream from levee mile 0.01 at the waterside slope and shoulder.

LM Start	0.01	Rating **	M	Issue No.	13
LM End	5.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.296617 °	38.247650 °
				-121.748565 °	-121.696217 °
DWR ID	DWR_RD2060_03_s_2017_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Spray to control the annual grass and weeds from the landside slope.					

Photo 1 of 1 : SP_2017_RD2060_243_13_20170424_00016.jpg



Looking downstream from levee mile 0.01.

LM Start	0.07	Rating **	U	Issue No.	16
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.296350 °	38.296302 °
				-121.747642 °	-121.747565 °
DWR ID	DWR_RD2060_03_s_2017_16				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : SP_2017_RD2060_243_16_20170424_00023.jpg



Looking down from the shoulder at the sloughing in the slope towards the irrigation ditch at toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.07	Rating **	U	Issue No.	16 (cont)	
LM End	0.07	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.296350 °	38.296302 °	
				-121.747642 °	-121.747565 °	
DWR ID	DWR_RD2060_03_s_2017_16					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						

Photo 2 of 2 : SP_2017_RD2060_243_16_20170424_00025.jpg



Standing on the slope looking upstream at the slough.

LM Start	0.15	Rating **	M	Issue No.	19
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.295738 °	38.295559 °
				-121.746293 °	-121.745583 °
DWR ID	DWR_RD2060_03_s_2017_19				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There are several signs of sloughing occuring on the slope notices after the flood event Feb. 2017 storm.					

Photo 1 of 2 : SP_2017_RD2060_243_19_20170424_00017.jpg



Stand at levee mile 0.15 looking downstream from the landside slope.

LM Start	0.15	Rating **	M	Issue No.	19 (cont)
LM End	0.19	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD2060_243_19_20170424_00018.jpg



Just upstream of the erosion site looking downstream from the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.90	Rating **	M	Issue No.	20
LM End	0.90	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.290684 °	38.290684 °	
			-121.735668 °	-121.735668 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:18727
DS_ID:22067
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Seem abandoned. Not found- pump on LS. Needs more exploration.
FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.8 feet below the crown. O&M Manual SAC 107, April 1959.
FS Date: 8/15/2013

LM Start	0.90	Rating **	M	Issue No.	20 (cont)
LM End	0.90	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2017_18727_31317.jpg



Waterside view: levee slope.

Photo 2 of 2 : UCIP_SP_2017_18727_31316.jpg



Waterside view: levee slope and a steel pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.90	Rating **	M	Issue No.	21
LM End	0.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.290684 °	38.290684 °
				-121.735639 °	-121.735639 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:18726 DS_ID:22063 EP_NO: 6342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky siphon breaker may need to be repaired. Dense vegetation on WS.Not found- gate valve on LS. FIELD_STRUCT_DESC: 16-inch steel pipe through levee 8.0 feet below crown, vertical pump in drain ditch on land-side. Siphon breaker on waterside. (App. No. 6342-A - Hastings Farms) FS Date: 8/15/2013					

LM Start	0.90	Rating **	M	Issue No.	21 (cont)
LM End	0.90	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_18726_31314.jpg



Landside view: pump, service pole, steel support structure, walkway, and pipe.

Photo 2 of 3 : UCIP_SP_2017_18726_31313.jpg



Landside view: pipe and pump on steel structure in drain ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	0.90	Rating **	M	Issue No.	21 (cont)	
LM End	0.90	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.290684 °	38.290684 °	
				-121.735639 °	-121.735639 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:18726 DS_ID:22063 EP_NO: 6342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky siphon breaker may need to be repaired. Dense vegetation on WS.Not found- gate valve on LS. FIELD_STRUCT_DESC: 16-inch steel pipe through levee 8.0 feet below crown, vertical pump in drain ditch on land-side. Siphon breaker on waterside. (App. No. 6342-A - Hastings Farms) FS Date: 8/15/2013						

Photo 3 of 3 : UCIP_SP_2017_18726_31315.jpg



Waterside view: only leaky siphon breaker found.

LM Start	1.12	Rating **	U	Issue No.	18
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.290558 °	38.290558 °
				-121.731580 °	-121.731580 °
DWR ID	DWR_RD2060_03_s_2017_18				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The District has scheduled repairs of this site.					

Photo 1 of 2 : SP_2017_RD2060_243_18_20170424_00019.jpg



Looking downstream at the erosion in the waterside slope and toe.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	1.12	Rating **	U	Issue No.	18 (cont)	
LM End	1.12	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.290558 °		38.290558 °
				-121.731580 °		-121.731580 °
DWR ID	DWR_RD2060_03_s_2017_18					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
The District has scheduled repairs of this site.						

Photo 2 of 2 : SP_2017_RD2060_243_18_20170424_00021.jpg



Looking upstream at the erosion on the waterside slope.

LM Start	1.52	Rating **	M	Issue No.	8
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.288598 °	38.286051 °
				-121.725184 °	-121.722818 °
DWR ID	DWR_RD2060_03_s_2016_8				
Comment Code					
Inspector Comment					
Site added in 1997 and removed in 2003. 2005 - Put back in the inventory. 2006 - Stone repair at the middle of the site. 2011 - Some rock place at toe in the past year. 2013 - Site extended both upstream and downstream to include new erosion pockets. 2015: No observed changes. [2015 Site ID: CHS_23-6_R]					

Photo 1 of 1 : SP_2017_RD2060_243_8_20170404_00007.jpg



USACE 2013 Photo #1

LM Start	2.02	Rating **	M	Issue No.	1
LM End	2.08	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.284105 °	38.283302 °
				-121.718471 °	-121.717814 °
DWR ID	DWR_RD2060_03_s_2016_1				
Comment Code					
Inspector Comment					
2010 - Small maintenance site. 2015: No observed changes. [2015 Site ID: CHS_23-0_R]					

Photo 1 of 1 : SP_2017_RD2060_243_1_20170404_00001.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	2.18	Rating **	M	Issue No.	7
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.282100 °	38.281510 °
				-121.716817 °	-121.716319 °
DWR ID	DWR_RD2060_03_s_2016_7				
Comment Code					
Inspector Comment					
2007 - Geotechnical failure of midside slope and wave wash/scalloping in toe area. Stone revetment upstream and downstream of site. Similar sites are present all along the right bank downstream of this site, most could be repaired with some maintenance. 2010 - Minor new erosion. 2015: No observed changes. [2015 Site ID: CHS 22-8 R]					

Photo 1 of 1 : SP_2017_RD2060_243_7_20170404_00006.jpg



USACE 2013 Photo #1

LM Start	2.29	Rating **	A/W	Issue No.	3
LM End	2.80	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.280919 °	38.275177 °
				-121.715756 °	-121.709777 °
DWR ID	DWR_RD2060_03_s_2012_3				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Veg site.					

No Photos

LM Start	2.35	Rating **	M	Issue No.	4
LM End	2.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.280377 °	38.278306 °
				-121.714633 °	-121.712722 °
DWR ID	DWR_RD2060_03_s_2016_4				
Comment Code					
Inspector Comment					
2008 - Small scour pockets and mid-slope wave wash. 2010 - More vegetation growth, could be fixed through maintenance. 2011 - Site extended downstream and new erosion. 2015: No observed changes. [2015 Site ID: CHS_22-6_R]					

Photo 1 of 1 : SP_2017_RD2060_243_4_20170404_00003.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	2.55	Rating **	M	Issue No.	5
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.278145 °	38.277774 °
				-121.712609 °	-121.712137 °
DWR ID	DWR_RD2060_03_s_2016_5				
Comment Code					
Inspector Comment					
2013 - Erosion pockets into the levee toe. 2015: Erosion pockets have increased in size. [2015 Site ID: CHS_22-5_R]					

Photo 1 of 1 : SP_2017_RD2060_243_5_20170404_00004.jpg



USACE 2013 Photo #1

LM Start	2.79	Rating **	M	Issue No.	6
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.275302 °	38.275302 °
				-121.710130 °	-121.710127 °
DWR ID	DWR_RD2060_03_s_2016_6				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD2060_243_6_20170404_00005.jpg



USACE 2013 Photo #1

LM Start	3.17	Rating **	A/W	Issue No.	12
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.270863 °	38.270324 °
				-121.706800 °	-121.705904 °
DWR ID	DWR_RD2060_03_s_2012_12				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
There was a fire this spring that burned this revegetation site, during the 2012 inspection new growth has sprouted up. During the 2013 inspection new sprouts continue to come up.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	3.24	Rating **	M	Issue No.	22
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.270151 °	38.270151 °
				-121.705782 °	-121.705782 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:18723					
DS_ID:22064					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Only a CMP riser was found on WS.					
FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS.					
FS Date: 8/15/2013					

LM Start	3.24	Rating **	M	Issue No.	22 (cont)
LM End	3.24	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_18723_31303.jpg



WS view: slide gate in CMP riser (bottom- marked) and may be abandoned pile for pump support (marked- right).

Photo 2 of 3 : UCIP_SP_2017_18723_31302.jpg



WS view: closer view of slide gate in CMP riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	04/21/2017 04/21/2017	Herman Phillips

LM Start	3.24	Rating **	M	Issue No.	22 (cont)	
LM End	3.24	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.270151 °		38.270151 °
				-121.705782 °		-121.705782 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:18723						
DS_ID:22064						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Only a CMP riser was found on WS.						
FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other						
features not found as described: 36-inch steel pipe through levee 15.0						
feet below crown, slide gate in CM riser on waterward slope. (Asbestos						
bonded pipe.) Pump in pump house on pile structure in stream. Service						
pole and anchor on landward slope. Only a CMP riser was found WS.						
FS Date: 8/15/2013						

Photo 3 of 3 : UCIP_SP_2017_18723_31301.jpg



WS view: slide gate and air vent inside CMP riser.

LM Start	3.78	Rating **	M	Issue No.	2
LM End	4.09	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.264585 °	38.260593 °
				-121.698868 °	-121.696403 °
DWR ID	DWR_RD2060_03_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Several pockets of erosion from rotational failure and slumping toe. 2013 - Site extended downstream to include new erosion pockets. 2015: No observed changes. [2015 Site ID: CHS_21-1_R]					

Photo 1 of 1 : SP_2017_RD2060_243_2_20170404_00002.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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